

Title (en)  
KEY CYLINDER DEVICE

Title (de)  
SCHLIESSZYLINDERVORRICHTUNG

Title (fr)  
DISPOSITIF DE CYLINDRE À CLÉ

Publication  
**EP 3051043 B1 20180328 (EN)**

Application  
**EP 16151989 A 20160120**

Priority  
JP 2015010290 A 20150122

Abstract (en)  
[origin: EP3051043A1] A key cylinder device includes a rotor case that encloses a rotor operable to rotate by a mechanical key, the rotor being inserted into the rotor case from a direction opposite to an insertion direction of the mechanical key, a holding member including a pair of leg portions held by the rotor case, and a fixing member that protrudes from the holding member. The rotor case includes a fixing member-holding structure that the fixing member is held by the leg portions of the holding member at a temporary assembly position for temporarily assembling the fixing member in a retracted state without inwardly protruding beyond an inner surface of the rotor case and at an assembly position for assembling the fixing member in a state of inwardly protruding from the inner surface of the rotor case.

IPC 8 full level  
**E05B 9/08** (2006.01); **B60R 25/02** (2013.01); **B60R 25/021** (2013.01); **E05B 9/04** (2006.01); **E05B 15/14** (2006.01); **E05B 27/00** (2006.01)

CPC (source: CN EP US)  
**B60R 25/02** (2013.01 - US); **B60R 25/021** (2013.01 - CN); **E05B 9/04** (2013.01 - US); **E05B 9/086** (2013.01 - EP US); **E05B 15/14** (2013.01 - US); **E05B 27/0007** (2013.01 - US); **E05B 29/00** (2013.01 - US); **E05B 29/0053** (2013.01 - US); **E05B 77/44** (2013.01 - US); **E05B 79/08** (2013.01 - CN); **E05B 83/00** (2013.01 - CN); **E05B 85/06** (2013.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3051043 A1 20160803**; **EP 3051043 B1 20180328**; CN 105822157 A 20160803; CN 105822157 B 20180123; JP 2016132966 A 20160725; JP 5925921 B1 20160525; US 10017961 B2 20180710; US 2016215522 A1 20160728

DOCDB simple family (application)  
**EP 16151989 A 20160120**; CN 201510999122 A 20151228; JP 2015010290 A 20150122; US 201615001928 A 20160120